

14 July 1953

MEMORANDUM FOR: Director of Training

SUBJECT: Relationship Between Predicted and Actual  
Training Evaluation in BIC(CS) #1

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DDTS  
16 July in FW*

1. As part of the program of developing more meaningful training evaluations, the relationships of the tests in the EOD battery and the evaluations received are routinely computed.

2. The relationship between the intelligence-type test of the EOD battery and the final evaluation in BIC(CS) #1 was very high, as indicated by the scatter plot attached. Each dot represents one student. Inspection of the diagram indicates a very high relationship; expressed quantitatively it is a correlation of .80.

3. While it is gratifying to be able to predict success in this course, certain questions should be answered before this high relationship is considered desirable.

a. Is this high relationship between intelligence and accomplishment consistent with the objectives of the course? The meaning of this question can perhaps best be made clear by considering a course which has the specific objective of turning out good auto mechanics. Should a verbal test correlate too high with the final evaluation of students graduating from this course, one would be suspicious that the methods of instruction were adapted more to the theory than to the actual practice of mechanics.

b. Are the test questions used subject to answering from the basis of a person's general ability rather than in terms of knowledge specific to the course?

4. The above information is not transmitted for any actual purposes, but only to illustrate the kind of information which the A & E Staff will be furnishing the training divisions to assist them in their own planning and analyses. In this particular instance, the course involved was given for the first time. Changes have already been made so that it is not certain whether the high relationship noted here will continue to be found.

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